

PATENT  
Attorney Docket No. 62785.000005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

LE PAGE, RICHARD, *et al.*

)  
)  
) Group Art Unit: 1637

Serial Number: 09/769,736

)  
) Examiner: K. CARLSON

Filed: January 26, 2001

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)  
)  
)  
)  
For: NUCLEIC ACIDS AND PROTEINS FROM  
GROUP B STREPTOCOCCUS

**SUBMISSION OF COURTESY COPIES OF REFERENCES,  
INFORMATION DISCLOSURE STATEMENTS AND FORMS PTO-1449**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Examiner Carlson:

Further to our telephone conversation of July 5, 2005, enclosed for your convenience are **courtesy copies** of the references cited with our Information Disclosure Statement and Supplemental Information Disclosure Statement dated November 7, 2001, along with the Form PTO 1449's and the Patent Office's date-stamped post card receipts for your use in consideration of the above-identified patent application.

No fees are believed to be due in connection with the entry of the instant Preliminary Amendment. The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: July 11, 2005

By:

Laurence H. Posorske, Ph.D.  
Registration No. 34,698

Christopher J. Nichols, Ph.D.  
Registration No. 55,984



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PATENT  
Attorney Docket No. 62785.000005



- ☐ PROVISIONAL  
☒ UTILITY  
☐ DESIGN

**PATENT**

Application No.: 09/769,736      Date: November 7, 2001  
Client/Matter No.: 031855.0093      Client: Kilburn & Strode  
Inventor(s): LE PAGE et al.      Atty/Sec.: LHP:nej  
Title: NUCLEIC ACIDS AND PROTEINS FROM BROUPE B  
STREPTOCOCCUS

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

- ☒ Information Disclosure Statement  
☒ Form PTO 1449 with thirteen (13) references  
☒ Copy of International Search Report



306211



PATENT  
ATTORNEY DOCKET: 031855.0093

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
LE PAGE et al. ) Group Art Unit: To Be Assigned  
Application Number: 09/769,736 ) Examiner: To Be Assigned  
Filed: January 26, 2001 )  
For: NUCLEIC ACIDS AND PROTEINS FROM GROUP B STREPTOCOCCUS )

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting herewith copies of the references listed on the attached Form PTO-1449 (modified) for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

The attached documents were cited by the European Patent Office in the International Search Report dated April 11, 2000 of the corresponding application and relevance is indicated on the enclosed copy of the Search Report.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

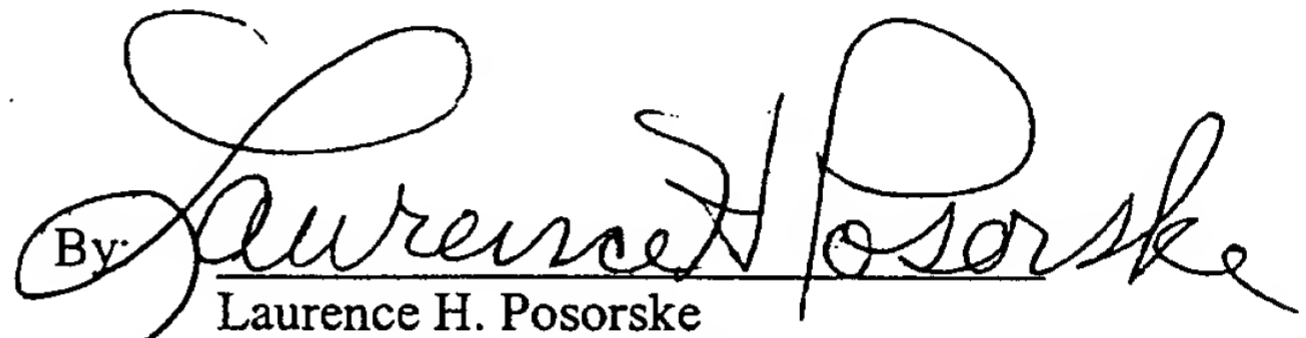
In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is believed to be submitted prior to issuance of a first Office Action. Therefore, it is respectfully submitted that no fee is required for consideration of this information. However, in the event any

fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 50-1640.

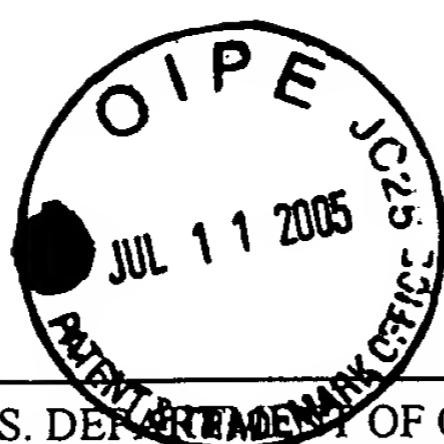
Respectfully submitted,

BROBECK, PHLEGER & HARRISON LLP

Dated: November 7, 2001

By:   
Laurence H. Posorske  
Registration No. 34,698

Brobeck, Phleger & Harrison LLP  
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LHP:nej

Sheet 1 of 1

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 031855.0093		APPLICATION NO. 09/769,736								
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)				APPLICANT LE PAGE et al.										
				FILING DATE January 26, 2001		GROUP To Be Assigned								
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	1	WO	98	1	8	9	3	0	05/07/98	WIPO				
	2	WO	99	1	6	8	8	2	04/08/99	WIPO				
	3	WO	94	1	0	3	1	7	05/11/94	WIPO				
	4	WO	95	0	6	7	3	2	03/09/95	WIPO				
	5	WO	98	2	3	6	3	1	06/04/98	WIPO				
	7	WO	99	4	2	5	8	8	08/26/99	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)														
	7	Larsson, Charlotte, et al., "Experimental Vaccination Against Group B Streptococcus, an Encapsulated Bacterium, with Highly Purified Preparations of Cell Surface Proteins Rib and $\alpha$ ," <i>Infection and Immunity</i> , 64:3518-3523 (1996).												
	8	Michel, James L., et al., "Cloned Alpha and Beta C-Protein Antigens of Group B Streptococci Elicit Protective Immunity," <i>Infection and Immunity</i> , 59:2023-2028 (1991).												
	9	Lachenauer, Catherine S., et al., "Cloning and Expression in <i>Escherichia coli</i> of a Protective Surface Protein from Type V Group B Streptococci," <i>Advances in Experimental Medicine and Biology</i> , 418:615-618 (1997).												
	10	Yoshida, K., et al., "Hypothetical Sensor-Like Histidine Kinase in IDH 3' Region," (1995) SWISS-PROT Sequence.												
	11	Tognoni, A., et al., "Peptide Synthetase I", (1995), SWISS-PROT Sequence.												
	12	Yoshida, K., et al., "Homologous to Many ATP-Binding Transport Proteins," (1997), SWISS-PROT Sequence.												
	13	Puyet, A., et al., "Maltose/Maltodextrin-Binding Protein Precursor," (1993), SWISS-PROT Sequence.												
EXAMINER				DATE CONSIDERED										
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.														



- ☐ PROVISIONAL  
☒ UTILITY  
☐ DESIGN

**PATENT**

Application No.: 09/769,736      Date: November 7, 2001  
Client/Matter No.: 031855.0093      Client: Kilburn & Strode  
Inventor(s): LE PAGE et al.      Atty/Sec.: LHP:nej  
Title: NUCLEIC ACIDS AND PROTEINS FROM BROUPE B  
STREPTOCOCCUS

The following has been received in the U.S. Patent and Trademark Office on  
the date stamped hereon:

- ☒ Supplemental Information Disclosure Statement  
☒ Form PTO 1449 with one (1) reference

RECEIVED





PATENT  
ATTORNEY DOCKET: 031855.0093

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
LE PAGE et al. ) Group Art Unit: To Be Assigned  
Application Number: 09/769,736 ) Examiner: To Be Assigned  
Filed: January 26, 2001 )  
For: NUCLEIC ACIDS AND PROTEINS FROM GROUP B STREPTOCOCCUS )

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting herewith copies of the references listed on the attached Form PTO-1449 (modified) for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

The attached documents were cited by the European Patent Office in the International Search Report dated April 11, 2000 of the corresponding application and relevance is indicated the Search Report.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

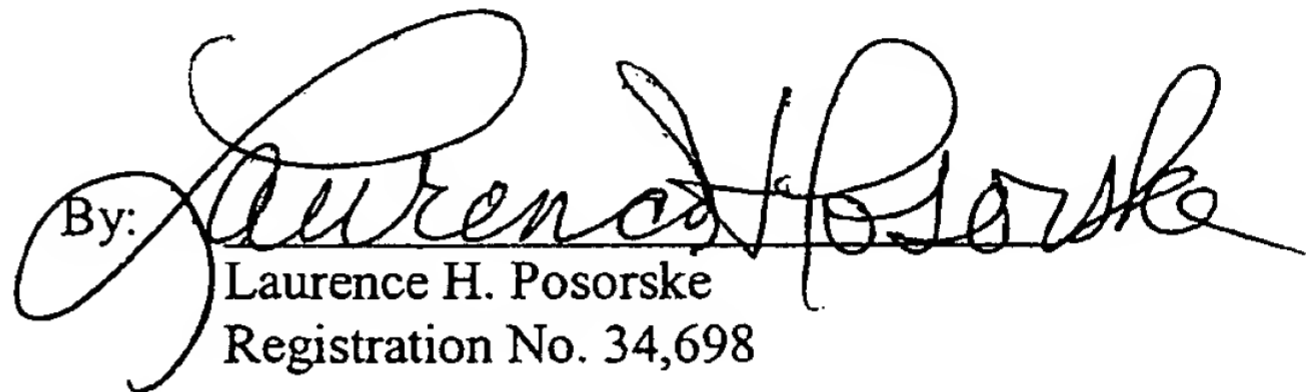
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Sheet 1 of 1

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